BRUHAT BANGALORE MAHANAGARA PALIKE

PROJECT DIVISION, YELAHANKA ZONE

TOTAL ABSTRACT

Name of Work:- Improvements to widen portion of roads,construction of new drains,UG cable duct and footpath at Doddabommasandra main road surrounding road in ward No.10

Job Code :

Name of Agency :- Sri. Gopikrishna Apsani (Nidhi Constructions)

Bill No :- First and Part Bill

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
1	KSRRB M300-14. Excavation for roadwork in all types of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete as per specifications. MORTH Specification No.301(pg no-143,S.Lno-19.14)KPWD S.R 2018-19						
	Present Qty			1293.62			
	Total			**1293.62**			
	BOQ qty			**1574.49**			
	Qty to be paid	**Cum**		**1293.62**	**120.81**	**1,56,281.63**	
2	Construction of granular sub-base Grading-V as sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete as per specifications. Clause 401 of MORTH V Revision.GSB Page No. 153/ Item No. 20.5/ PWD SR 2018-19						
	Present Qty			862.41			
	Total			**862.41**			
	BOQ qty			**740.62**			
	Qty To Be Reserved in 1st RA			**121.79**			
	Qty to be paid	**Cum**		**740.62**	**1919.11**	**14,21,331.25**	
3	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 Page No. 155/ Item No. 20.18/ PWD SR 2018-19						
	Present Qty			991.77			
	Total			**991.77**			
	BOQ qty			**1207.11**			
	Qty to be paid	**Cum**		**991.77**	**1925.23**	**19,09,388.24**	
4	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM ,including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. MORTH Specification No. 502 Complete with all lead and lift and as per the direction of the Engineer-in-Charge. Page No. 158/ Item No. 21.6/ PWD SR 2018-19 Issue Rates						

TEJUS CONSULTANTS

Tejus Consultant

Assistant Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Assistant Executive Engineer

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BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
	Present Qty			4312.05			
	Total			4312.05			
	BOQ qty			38762.03			
	Qty to be paid	Sqm		4312.05	28.55	1,23,109.03	
5	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications. Clause 505 of morth V revision using 40/60 TPH capacity H.M.P. with mechanical paver Gr-II (50mm to 75mm) with 4.5% VG-30 Bitumen. Page No. 160/ Item No. 21.17.6/ PWD SR 2018-19 Issue Rates						
	Present Qty			256.42			
	Total			256.42			
	BOQ qty			735.10			
	Qty to be paid	Cum		256.42	6643.88	17,03,590.49	
6	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501 Page No. 158/ Item No. 21.2/ PWD SR 2018-19						
	Present Qty			9603.07			
	Total			9603.07			
	BOQ qty			38762.03			
	Qty to be paid	Sqm		9603.07	5.10	48,975.66	
7	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5 Page No. 158/ Item No. 21.7/ PWD SR 2018-19 Issue Rates						
	Present Qty			19043.42			
	Total			19043.42			
	BOQ qty			38762.03			
	Qty to be paid	Sqm		19043.42	12.24	2,33,091.46	
8	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision. -using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen (Pg:162, It.No-21.22.6 PWD SR:2018-19)Issue Rates						
	Present Qty			556.60			
	Total			556.60			
	BOQ qty			1550.48			
	Qty to be paid	Cum		556.60	7569.79	42,13,381.45	

42.13345.00

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SOR Item No	Description	Unit		Qty	Rate	Amount	Remarks
	KSRRB MB00-13 Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface : Cleaning and laying of hot applied thermoplastic compound 3.5 mm thick including reflectorising glass beads at 350 gms per sqm area, thickness of 3.5 mm is exclusive of surface applied glass beads as per Sec 33. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 Page No. 182/ Item No. 24.13 PWD SR 2018-19						
	Present Qty			150.00			
	Test			150.00			
	BOQ qty			1270.06			
	Qty to be paid	Rmtr		150.00	430.00	64,500.00	
	KSRRB M800 Road markers / Road stud KSRRB M800-33. Providing and fixing of road stud 100x 100 mm, diecast in aluminium, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or asphaltic surface by drilling hole 30 mm upto a depth of 60 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per IRC 873 part 4:1973 complete as per specifications Page No. 186/ Item No. 24.41 PWD SR 2018-19						
	Present Qty			0.00			
	Test			0.00			
	BOQ qty			1125.00			
	Qty to be paid	No		0.00	340.67	0.00	
					Total Amount (Rs.)	98,73,649.21	
					Add 12% GST	11,84,837.91	
					Grand Total Amount(Rs.)	1,10,58,487.12	

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NIDHI CONSTRUCTIONS

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